From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: rh8421@gate.net (Ron Hankins)
Subject: 500KHz Collins mechanical filters
Message-ID: <v02130500adefe339daec@[199.227.3.148]>

I have a few of the 500KHz Collins mechanical filters used in the two filter modifications described in the March and June 96 issues of Electric Radio. The filter modification can be installed in the 51J-1, 51J-2, 51J-3, R388, and 75A-1. They are 3.5KHz wide, centered at 501.5KHz. I am asking $50.00ea plus $3.00 for priority mail.

Ron Hankins
rh8421@gate.net

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: jml@spider.lloyd.com (Jim Lockwood)
Subject: Re: Any Knight T-150 fans out there?
Message-ID: <m0uWs0D-001NdKC@spider.lloyd.com>

At 01:19 PM 6/20/96 -0500, Kevin McDonald wrote:
>
>How well does the screen modulation work?
>Is the AM useable on the air or is this rig best kept on CW?

There have been a couple of these check into the West Coast AMI net on Wednesday nights. They sound surprisingly good.   The secret to getting acceptable audio is to aim for something less (much less) than 100% modulation.....maybe 75%, to pull a number out of thin air. If you drive the audio too hard, it simply distorts while driving it lightly, produces a pretty nice sound.

73,

Jim - km6nk

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: wj5j@JUNO.COM (John D Hensley)
Subject: ARRL handbooks for trade & new member hello
Message-ID: <19960620.163259.14782.0.wj5j@juno.com>

Hello to everyone on the BA circuit. Hope to meet each of you as time goes by.

For trade: ARRL handbooks 1949, 53, 55, 68 (2), 75 (2) (fair to good)

and a broken binding (needs rubber bands) edition of

1943 (I think it is complete, pages look fine);

Years needed: 1940, 42, 51, 52, 56, 62, 73, 76, 78.

Prefer trading my 43 or 49 for your 40 or 42, etc.

Needed: R389 parts if you have a scrap unit and can part out or share.

73, Doug Hensley WJ5J (formerly WA5BQA)

email: wj5j@ juno.com or 7249712@ mcimail.com

Christmas list : Model 28 twin window console, URA-6, R389 for parts,
32v2/3, 800hz filter for 75A3, Complete but unrefurbished
R390A for winter project (ideal is model with xtal positions).
AN/URC-32A (complete), BC-610-E, nice Navy stuff.
Trade stuff (NFS) for above, half are winter projects: SX-28 (2), SX-25, AR-77,
SB-303/SB-401, HR-10B, S-120 w/spkr, R4C w/4nb, SW4A, MS4ps,TR4,
D104, Jennings 5-1000pf vac.var., etc. It comes and goes.

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: BOEING377@aol.com
Subject: Re: BA sighting in movies
Message-ID: <960620190513_560641241@emout09.mail.aol.com>

Does anyone out there have a tape of "The Manchurian Candidate"? I'm told that there is a scene where the sniper is up in a projector or announcer booth in an auditorium and that there is a BC 375 or BC 191 behind him. Can anybody verify this?

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: CE Model MM-2 Multiphase RF Analyzer

Message-ID: <A3274ZWIXOJM8K*/R=OUVAXA/R=A1/U=POST/@MHS>

At the Chillicothe, Ohio hamfest two weeks ago, a cute little monitor scope came out from its hiding place under the table, wrapped its little AC tail around my leg and begged me to take it home for $4. This puppy is a Central Electronics Model MM-2 Multiphase RF Analyzer. Has SO-239 I/O connector pairs on rear panel for high level RF and low level RF. Also has RCA jacks for audio input and 1 KHz audio out at 0.015 and 1.5 volts each. Has RCA jack for IF input with IF gain control on rear panel. IF is 455KHz according to the number on the internal IF transformer / plug in module with 6AN8 tube. Also has two 5Y3GT, 6AU6, 6AL5, 6X4, 6U8, a pair of 12AT7's and a night-light style bulb, probably for the 1 KHz audio.

I fed a 455 KHz modulated signal from an RF sig generator into the IF input. Saw a nice textbook AM envelope showing the modulation level. Was not able to see anything when feeding the low level RF side at about 4 watts in and a dummy load out on AM. Also have no output on the 1 KHz audio. Therefore need to do a little troubleshooting. Anyone ever use one of these things or know what it was primarily used for? Anyone have schematic or user instructions for copying and mailing costs (or trade for a copy of one of my manuals)?

Thanks es 73,

Rich KB8TAD
<rpost1@ohiou.edu> <post@ouvaxa.cats.ohiou.edu>

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Re: Dial Cord
Message-ID: <v01530502adefa6eaafaf@[198.95.1.28]>

Don and folks,

Antique Electronic Supply (602) 820-5411 has dial cord, along with many other useful things.

/scott robinson
spr@earthlink.net

Scott Robinson
spr@earthlink.net

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: Don Flenner <kb4sa@mindspring.com>
Subject: Re:Dial Cord
Message-ID: <1.5.4.16.19960621124508.332f1df0@pop.atl.mindspring.com>

Hi Gang,

Many thanks for all the replies to my question about dial cord availability. For the info of the list braided fishing line was the most suggested. Kite string was also mentioned. Two commerical sources mentioned were Antique Electronics Supply and Ocean State Electronics. For those of you who had specific questions or comments I'll get back to you directly.

Again thanks for the input, this list really works great.

73, de Don KB4SA
Kennesaw, Georgia

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: drhydro@ames.net (Paul Nelson)
Subject: DIAL CORD SOLUTION!!!
Message-ID: <v01540a00adef98677bcb@[1.1.1.1]>

Ah wuz a-trundlin' down the fishin' stuff aisles in muh local Wal-mart, and happened to run across a very fine spool of premium braided Kevlar fishin' line, made by DuPont. It's 110 pound test, VERY flexible & limp, doesn't stretch very much at all, yellow in color, and I think it works superbly for the ol' dial cord dilemma. Also works for front cockpit trim tab indicator cable in certain warbird restorations...and to replace the cable in an old HP plotter. (yellow might be a problem in some cases, but hey...)

Spool says:

```
                STREN
           premium braided
               KEVLAR
            fishing line
     ultra tough, ultra sensitive
         110 lb. / 50.0 kg
         100 yards/92 meters
```

part number STR-7015

Jes' run raht out thar an' buy y'self some, y'heah?

Paul Nelson KB0WOV
Ames, Iowa

(DrHydro@ames.net)

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: Dave Meier <71571.1744@CompuServe.COM>
Subject: FW: BA sighting in movies
Message-ID: <960620220441_71571.1744_FHD55-1@CompuServe.COM>

Mystery Science Theatre Theatre 3000: The Movie. The movie within is the 50's classic "This Island Earth". Several "Interociters", a couple of Hallicrafters receivers (Sky Buddies?) in the airport control tower scene, plus some vintage lab electronic gear.

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: "Gary E. Norman" <genorman@ix.netcom.com>
Subject: Re: Heath Chippewa
Message-ID: <199606210132.SAA27685@dfw-ix6.ix.netcom.com>

Thanks to everyone who responded to my post.

I received ten responses - basically all agreeing with me that it should be kept as much a Chippewa as possible.

I'll keep the list posted as to what happens.

Thanks again.

Gary Norman, AB1I
genorman@ix.netcom.com

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: ks0f@i1.net (MIKE SANDERS)
Subject: HRO update/dial scales
Message-ID: <199606202149.QAA09897@mail1.i1.net>

Greetings again,

After unwrapping all the coils for the HRO60 I found that the AA and AC coils were not for the HRO60 but for HRO50s. Boy is my 50T1 glad! Replaced weird 6V6 and she is singing again. Found some shine under some grime. Moving right along.

Clear plexiglas/lucite should be easy enough to cut to size to make dial scales. How about a photo transparency or a negative of original dial scales to make decals of. Didnt someone say that most hobby shops could make decals or has my age gotten the best of my memory. Any ideas on how to duplicate the dial scales. Silk screen process maybe?

My HRO50T1 now has coils AA, AC and AD but no dial scales. I am still in need of the A and the C coil for my 50. Would trade HRO60 A and C coils for HRO50 coils as I have extras of those.

How about it folks? Any ideas on making dial scales?

73 de KS0F Mike

ks0f@i1.net

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: David Adams <dave@flowserver.stem.com>
Subject: Listen for me
Message-ID: <9606210009.AA07352@flowserver.stem.com>

Well folks, I'll be winging my way to France on field day, but if things go well, my license will be waiting for me when I get to my apartment in Lyon. Anyone needing France qrp listen for me on 80/40/20...it could happen...weirder things have...See you all in August when I get back...looking forward to the KC-2...and anyone who wants to help me rebuild an r390...

73 de dave, n9uxu

=-=
David J Adams N9UXU QRP-L #83
dave@flowserver.stem.com NorCal QRP #1442
(415) 813-5028 Flow Cytometry Specialist

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: "Sandy, W5TVW" <70401.134@CompuServe.COM>
Subject: Looking for: Hallicrafter receivers.
Message-ID: <960621042321_70401.134_IHD70-2@CompuServe.COM>

Hello gang,

I'm still looking for two Halliscratcher sets. Preferably something that's
good cosmetically, but needs recapping. Or something working and in excellent shape.
S-76 Receiver. (With or without louspeaker.)
SR-75 Transceiver.

Anything out there?

73,
Sandy, W5TVW
Boat Anchors collected, restored, modified, traded and used!

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: kq4by@ix.netcom.com (Lawrence D. Keith)
Subject: Magazines must go..
Message-ID: <199606211337.GAA02437@dfw-ix4.ix.netcom.com>

This is multipart MIME message.

--hwglqucoahjoogwqctjxgvsbexridk
Content-Type:text/plain; charset=US-ASCII; name="NCZ0925.TMP"

I have the following magazines for sale.. How about $2.00 each, postpaid?

73,

Larry, KQ4BY
KQ4BY@ix.netcom.com

CQ MAGAZINES
1965 - 06
1969 - 12
1970 - 05,11

RADIO & TELEVISION NEWS
1952 - 09,10,12
1953 - 01,02,03,04,05,06,07,08,10

POPULAR ELECTRONICS
1962 - 01

RADIO COMMUNICATION
1978- 06,07,08,09,10,11,12
1979 - 01,02,03,04,05,06,07,08,09,10,
1991, - 02
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1978- 06,07,08,09,10,11,12
1979 - 01,02,03,04,05,06,07,08,09,10,
1991, - 02

--hwglqucoahjoogwqctjxgvsbexridk
Content-Type:text/plain; charset=US-ASCII; name="mags.txt"

I have the following magazines for sale.. How about $2.00 each, postpaid?

73,

Larry, KQ4BY
KQ4BY@ix.netcom.com

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POPULAR ELECTRONICS
1962 - 01

RADIO COMMUNICATION
1978- 06,07,08,09,10,11,12
1979 - 01,02,03,04,05,06,07,08,09,10,
1991, - 02

--hwglqucoahjoogwqctjxgvsbexridk--

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: wb6zwc@ns.net
Subject: Meters
Message-ID: <199606210320.UAA24241@tomcat.ns.net>

I recently visited Standard Meter Lab, Inc. in Livermore, Ca. These people know a lot about meters in general. They are able to reproduce meters of just about any style and shape. They can create meter face plates with a CAD program. They have a photographic machine that creates a negative and a method of creating a positive plate that can be inked to make an exact replacement.

I was able to have a meter made to original specks that was otherwise not replaceable.

They have the necessary shunts and can acquire thermocouples that are approiate to the application.

I was shown around their work room and even was able to see their clean room. Lots of very expensive test equipment.

I talked to Walt Homick and he understands the problem we face trying to make everything perfect.

They are at 236 Rickenbacker Circle in Livermore--94550.

510-449-0220---Fax 510-449-1704

A day well spent!

==========

==========
Wanted 312-B3
Richard@Sacramento,Ca.

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: george.rybicki@lerc.nasa.gov (George Rybicki)
Subject: Miltonix
Message-ID: <v01510101adf059d916a2@[139.88.134.25]>

Hi Gang,   I gave Rick a call at Miltronix yesterday to talk about his 390's and services.
The call was a good investment. He gave me a lot of good info about the receivers and the
value of the ones he sells versus the competition.

I asked him about silkscreening panels and he apologized and said he could no longer offer that service. He will do a complete retube-rebuild for $500 on your radio, but no parts radio's please.
His as new 390's were $850 and up.

I called him looking for a set of repro meters for my 390, does anyone know of a source? Does anyone
have a VU meter they would sell?

Thanks and 73   George

 All views expressed here are mine and not those of NASA or the US Government.

George C. Rybicki   (KE8YX)   Photovoltaics Branch   NASA Lewis Research Center
                                                    21000 Brookpark Rd. MS 302-1 Cleveland, Ohio 44135

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: One small set, one giant leap... (fwd)
Message-ID: <199606210807.BAA25780@desiree.teleport.com>

>> Mike has hundreds and hundreds of pieces of tube-vintage ham

>> gear of all makes and models though I never did see a KW-1 there.
>
>Seems like a shame to keep it all warehoused like that, untouched,
>unused, uncared for, unloved .....
>
>Grant/NQ5T

I think of Mike as sort of like a Shiek with 100 wives. You can't say the Shiek doesn't like women!! Like the Shiek, maybe Mike loves BAs TOO MUCH!

There is another possible side to all of this: it is anyone's guess how many BAs Mike has saved from the landfill because he was there and willing to invest in them when no one else was. I don't really know what all of his future plans are but I think he does plan to exhibit some of the better ones in a building he just acquired. What he really needs is a partner to help him get them in shape. Mike runs a fulltime printing business so he doesn't have all the time he would like to spend on fixing BAs. One thing for sure is that you have to BUY BAs when the opportunity presents itself, even if you have more projects than you think you can possibly get to. Your heirs at least have a chance to get to them and the BAs are saved from the dumpster.

Stan w7ni@teleport.com

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: "Grant Youngman" <nq5t@gte.net>
Subject: R390A (a la Rick Mish) -- Follow up
Message-ID: <199606210345.WAA05106@uro.theporch.com>

A few nights ago I was raving about how good my new Rick Mish EAC R390A looked.

Well, I finally got a chance to plug the beast into the wall, hook up the HC-10 SSB converter and see how it all plays. And It plays every bit as good as it looks.

SInce Macho Man here wrenched his back out carrying it to the second floor, its still ON the floor in the room next to the shack with cables and plugs dangling every which way. And I'm still walking slightly bent over with a hint of a wince on my face %-{ (I'm calling a neighbor before I try moving this heavy critter into a more final resting spot in the shack!)

The PTO (Cosmos) is good to better than 300 Hz over most of the range, with a little wider non-linearity creeping into the bottom 300 KHz -- but still no worse than about 700 Hz overall. Sensitivity appears to be excellent throughout the tuning range although I

haven't measured it (and probably won't -- since this would require yet another move).

I took note of the comments about tuning an R390A "with a finger" -- and mine seemed a bit stiffer than that. So I loosened the front panel bushing as someone suggested, turned the knob a few rotations and tightened everything back up. Sure 'nuf -- one finger does it.

Now this DOES require a frame of reference. You'd end up with a mighty strong finger after too much of this :-) but it is nice and smooth with none of the "two hands and a buddy with a monkey wrench" feel of the few R390A's knob-twiddled at hamfests. On the other hand, it is definitely NOT even close to the velvety "one finger" tuning of an SP600. Given the work (the physics kind) that has to be done by the operating mechanism, it would probably require violating some law of physics to make it quite that easy.

Its a really nice radio. Now if I could just find a cabinet that's deep enough to hold it and doesn't come priced like the national debt ...

Grant/NQ5T

Grant Youngman -- NQ5T
nq5t@gte.net
http://home1.gte.net/nq5t/index.htm - Vintage Ham Radio

Beautiful downtown Double Oak, TX

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: wb6zwc@ns.net
Subject: Shunts
Message-ID: <199606210355.UAA25912@tomcat.ns.net>

Hello Ray:

While you are looking at that line filter I have another question.

This maybe somewhat difficult but I do not have an answer.

A meter in my transmitter reads in Line RF Amps. It has a scale of 0-6
RF amps. The original used a thermocouple to excite the meter. Of course
the thermocouple is burnt out.

As I understand a thermocouple it produces a very small voltage associated
with heat. So the meter is matched to the thermocouple, probably calibrated
at construction time. As the current increases a small voltage is delivered
to the meter--thus RF line Amps.

The value of a thermocouple is the size. They are much smaller than a shunt.

But will a shunt work? Here is where the problem seems to be. The thermocouple
effectively rectifies the RF current by heating a dissimilar metal junction
which
in turn causes a small voltage to develop at that junction. The meter reads
the
voltage build up and is scaled to RF line Amps. Thus the meter is not seeing
a RF voltage but the potential developed at that junction which I assume
does not
have a frequency. If this is correct then a shut may not be appropriate.

A shunt samples the RF line but maybe in a different way. The shunt develops
its voltage across a calibrated resistance and in this case would produce
50 mv at full scale. The question is: will the meter be looking at 50 mv of
RF voltage? And does the meter care if it is RF or DC voltage. Or would
this only matter at VHF or higher not on 160M where the transmitter will be?

==========
Wanted 312-B3
Richard@Sacramento,Ca.

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: Morris Odell <morriso@vifp.monash.edu.au>
Subject: Re: Shunts
Message-ID: <199606210420.OAA04248@vifp.monash.edu.au>

Hi Richard and the BAers,

> A meter in my transmitter reads in Line RF Amps. It has a scale of 0-6
> RF amps. The original used a thermocouple to excite the meter. Of

<snip>

> But will a shunt work? Here is where the problem seems to be. The
> thermocouple

> effectively rectifies the RF current by heating a dissimilar metal
junction

A thermocouple meter works on a completely different principle to a
"conventional" moving coil ammeter with a shunt.

A thermo-ammeter generates heat by passing the input current therough a
fine wire heating element. The frequency of the heating current does not
matter up to RF frequencies - it is the RMS value that generates a heating
effect. The heat is then converted to a dc current by a thermocouple bonded
to the heating element thermally (and usually conductively) but it is only
DC that passes through the meter. This is not really rectification, but
the production of a dc analogue of the rms value of RF current. In such a
meter the movement will have a sensitivity of a milliamp or so but like all
permanent magnet moving coil (PMMC) instruments it only responds to DC.
Such a meter will not work if used with a shunt at AC (or RF).

> The meter
> reads
> the
> voltage build up and is scaled to RF line Amps. Thus the meter is not
> seeing
> a RF voltage but the potential developed at that junction which I assume
> does not
> have a frequency. If this is correct then a shunt may not be
appropriate.

This is exactly correct, however....

>
> A shunt samples the RF line but maybe in a different way. The shunt
> develops
> its voltage across a calibrated resistance and in this case would produce
> 50 mv at full scale. The question is: will the meter be looking at 50 mv
> of
> RF voltage? And does the meter care if it is RF or DC voltage. Or would
> this only matter at VHF or higher not on 160M where the transmitter will
> be?

This part, while correct in that a shunt will produce 50 mv or so of rf
across the meter, is in error in that a PMMC instrument will not respond to
RF for various reasons. Also, because a shunt is essentially resistive, you
can never be sure that any shunt will have a controllable and knowable rf
resistance as the frequency changes. A heating element on the other hand,
does not care about frequency or even waveform, it heats up only according
to the square of RMS value of the current through it.

In theory it might be possible to develop some sort of RF rms reading

device by passing a portion of the rf through a suitable tube heater or filament and measuring the emission at dc. I've used such a technique to measure (by comparison methods) the rms value of non sinusoidal outputs produced by a switching power inverter.

73

Morris Odell VK3DOC   Melbourne, Australia
morriso@vifp.monash.edu.au
http://www.vifp.monash.edu.au/CFM/staff/mo.html

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: Re: SP600JX Variations
Message-ID: <31CA8B5E.54D2@ghgcorp.com>

jproc@worldlinx.com wrote:

> In both the 1952 and 1956 manuals, the antenna connector on the RF
> platform is shown as a twin-ax type (UG 103). Supplied with the
> receiver is an angle plug adapter UG-104U (Amphenol 83-22AP) and a
> UG-102/U connector plug (Amphenol 83-22SP). These twin-ax
> connectors are designed for use with RG22 co-ax. The installation
> instructions state that one pin of the antenna connector should be
> grounded for operation with an unbalanced antenna. That's likely
> the reason why the antenna ground post was mounted about 2 inches
> from J1.

Hello Jerry and the list. To add to the confusion, I looked at the male plug that was on the SO-239 antenna socket on my SP-600-JX-17. It is a:

AMPHENOL UG-203/U
      CPH-49482

And it is mated to RG58 co-ax, which doesn't quite fit it correctly, so I don't think it is the correct co-ax. This cable and connector were part of a relay-disconnect mod that I removed.

I am beginning to think that those UG-??? numbers are some sort of Miltary or Amphenol part numbers for SO-239 connectors. The jack on the chassis does say SO-239.

Interesting.

Thanks and 73,
Ben

--
==
+   Benjamin D. Hall, Houston Texas   +
+ BDHall@GHGCorp.com   BHall@GP802.JSC.NASA.gov +
==

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: kq4by@ix.netcom.com (Lawrence D. Keith)
Subject: SSB History Lesson
Message-ID: <199606211413.HAA12835@dfw-ix1.ix.netcom.com>

>From Single Sideband Principles and Circuits, by Pappenfus, Bruene and Schonike, circa 1964:

1-3. History of SSB. In 1915, John R. Carson, by mathematical analysis of AM, came to the conclusion that it is possible to remove one sideband and the carrier from the AM signal and yet retain the essential modulation components of the modulating signal in the remaining sideband..

....

It took only a short time before the concept of SSB was applied to a radio circuit. H. D. Arnold suggested that the antenna in a long-wave transmitter station be tuned to one side of the carrier frequency. This attenuated one sideband but allowed the other to pass without reduction. The Arnold experiment permitted the transmission of full carrier but recognized that only one sideband was needed for successful

transmission. J. R. Carson, in U. S. Patent 1,449,382, claims the suppression both of the carrier and of one sideband. This patent, though filed in 1915, was not granted until 1923. It is recogized as the first and basic patent relating to SSB transmission. Within three years after Carson and Arnold showed that SSB is possible, the first commercial carrier apparatus for wire telephone service was developed and placed in service. The great need for long-distance telephone circuits provided the impetus for rapid installation of SSB carrier systems for wire-line transmission. SSB modulation has been almost universally applied to the carrier telephone systems of the world since

1918. It is natural that the engineers of the international telephone companies should turn to SSB for radio circuits to improve transmission

because of its sucess in wire circuits for voice.

.....

The first true high-power SSB transmitter was placed in experimental service in early 1923..... The 1923 experiments used a balanced modulator and filter at 33.7 kc and a second balanced modulator to convert the SSB signal to 55 kc. A series of low-distortion linear amplifiers raised the power level to 150 kw.

------- end of excerpt--------------

Does that answer the question?

73,

Larry, KQ4BY
KQ4BY@ix.netcom.com

--KAA08392.835365978/cssun.mathcs.emory.edu--

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: "Robert G. Rudnitsky" <camelot@leland.Stanford.EDU>
Subject: Wanted: Manual for GENERAL RADIO AMPLIFIER (GR 1233)
Message-ID: <199606210529.WAA13585@elaine17.Stanford.EDU>

Hi!

I am new to the list, and have never posted before. I am wondering: does anyone out there have a manual for an old General Radio Amplifier (GR 1233A)? If so, please let me know!

Thanks,

Robert Rudnitsky
Varian Physics Building - Room 356
Stanford University
Stanford, California 94305-4060
(415) 497-6260
Camelot@leland.stanford.edu

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Re: When was SSB invented
Message-ID: <9606211247.AA04183@amos>

Dave,

There was a point-to-point KS-11410 (Kearny Std.) SSB radio supplied to the govt. by WECO in the 1944 TMS11-387. Acording to Chuck W4MEW of Ft. Gordon's cnslt. staff (& published in ER), these used low freq. 75khz ssb filter signal generation with freq. increase thru heterodyne stages & then linear amp.s. A trace amount of carrier was retained so the RX local osc. could be steered by the 'Miller effect' in an early afc arrangement akin to that used with radar l.o. klystrons.

The afc arrangement eliminates drift problems but was dramatically beyond amateur budget/understanding & never made into "ham jobs."

Then came the FT241 BC604 xtal 455 khz fitler rigs & the amazing phase quadrature critters for cheap SSB generation.

1955 was Collins mech. filter instead of 455 kc FT241s in the 250khz KWS1 exciter

1957 was KWM-1 xcvr. with shared-service IF.

In spite of buttonage, shift to discrete SS then ICs then surf. mount, displayage, microprocessorage, hi-touch ergonomics, 2^^16 VFOs per mode, disunderstood DSPs, etc. - there's been no circuit block diagram changes since 1957.

Shhhhhh, not a word to the ARRL. Loss of off-shore consumer electronic ad income is a worse threat than de-allocation of 2 & 440.

But maybe the ARRL could start a national vcr league - campaigning 1st for zapper standards. Naaah, too controversial, too hard to grasp.

Marty

<<<< The bright side of the Maxim family stuck with machine guns >>>>

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: spr@earthlink.net (Scott Robinson)
Subject: Who to sell to...?
Message-ID: <v01530501adefa55f534c@[198.95.1.28]>

Folks,

I think ultimately it has to be seller's discretion. For example, you might have an offer from someone that you are convinced won't be happy once (s)he gets the goods.

Also, first offer is tricky becaseu of the variable delay in email propagation.

I certainly agree that once a deal is made, it shouldn't be changed. However, if, for example, the actual shipment cost is 'way higher than the agreed amount, it's appropriate to reopen negotiations as to who pays, shipping method, etc.

/scott robinson
spr@earthlink.net

Scott Robinson
spr@earthlink.net

From boatanchors@theporch.com Fri Jun 21 10:51:09 1996
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: WTB: ARRL Handbook
Message-ID: <Pine.OSF.3.91.960620180419.1494B-100000@Joyce-Perkins.tenet.edu>

I would like to have a wartime edition of the ARRL handbook. I suppose that the 1943, 1944 or 1945 editions are the best. Does anyone have such an animal in good condition for sale or trade? I have the "Special Defense Edition" but it does not have as much in it as I think some of the others would. No ads at all.

Lenox Carruth, WA5OVG

klccarru@tenet.edu